Abstract of the Disclosure:

The invention relates to a valve gear, in particular for internal combustion engines of motor vehicles, comprising at least one cam element that is located on a driven shaft and at least one lifting valve, which has a valve stem and can be displaced by the cam element. The cam element is pivotally mounted inside a flexible encapsulation element, which is connected to one end of the valve stem. The end of the valve stem is guided in the displacement direction of the valve.